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## PATENT ABSTRACTS OF JAPAN

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(21)Application number : **08-173902** (71) Applicant : **INTERNATL  
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(54) **SYSTEM AND METHOD FOR PROCESSING CHINESE  
TEXT**

BACK

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MENU

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(57)Abstract:

PROBLEM TO BE SOLVED: To input a vocal Chinese word to a computer and accurately convert the vocal input to a Chinese character form.

SOLUTION: This system has a new keyboard equipped with a delimiter which enables a user to give a diacritical mark representing the intonation of a syllable to each inputted vocal text syllable as a remark. When the delimiter key is hit, it is judged that one syllable is inputted. The syllable of the input voice is compared with a list of acceptable vocal syllables and abbreviated words and when the input syllable is found in the list, a syllable which is accurately spelled and given an intonation is stored in a memory and displayed at a voice part on an image display. This process is carried on as to following syllables until a delimiter is found. Once the delimiter is found, a word string (character string between two delimiter) is processed by a morphological and syntactic theory process or with a statistical linguistic model to determine characteristic Chinese characters representing the word in the word string.